CRF Errors Corrected by the STIC Systems Branch.

Serial Number: _09/913,351A_

ENTERED

CRF Processing Date: _5/20/2003_
Edited by: _____
Verified by: _____ (STIC staff)

RECEIVED
MAY 2 7 2003
TECH CENTER 1600/2900

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was wrapped down to the next line.

☐ Edited a format error in the Current Application Data section, specifically:
_____

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
_____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
_____

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
_____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:
_____

☐ Deleted extra, invalid, headings used by an applicant, specifically:
_____

☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as_____.

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically:
_____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:
_____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☐ Other:
_____
_____
_____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

1600

RAW SEQUENCE LISTING   DATE: 05/20/2003
PATENT APPLICATION: US/09/913,351A   TIME: 08:36:51

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\05192003\I913351A.raw

```
 3 <110> APPLICANT: DELGADO, AURORA BRIEVA
 4        VILLARRUBIA, VINCENTE GARCIA
 5        GOMEZ-PAMO, ANTONIO GUERRERO
 6      • RANIERI, JUAN PABLO PIVEL
 7        GALLEGO, GUILLERMO GIMENEZ
 8        TUDURI, JOSE ANTONIO MATJI
10 <120> TITLE OF INVENTION: PHARMACOLOGICALLY ACTIVE POLYPEPTIDE GLYCOCONJUGATES
12 <130> FILE REFERENCE: 618999-1/JP/B-4275
14 <140> CURRENT APPLICATION NUMBER: 09/913,351A
15 <141> CURRENT FILING DATE: 1999-10-21
17 <150> PRIOR APPLICATION NUMBER: PCT/ES99/00338
18 <151> PRIOR FILING DATE: 1999-10-21
20 <150> PRIOR APPLICATION NUMBER: ES P9900408
21 <151> PRIOR FILING DATE: 1999-02-26
23 <160> NUMBER OF SEQ ID NOS: 5
25 <170> SOFTWARE: PatentIn Ver. 2.1
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 230
29 <212> TYPE: PRT
30 <213> ORGANISM: Artificial Sequence
32 <220> FEATURE:
33 <223> OTHER INFORMATION: Description of Artificial Sequence: Formula
34        sequence
36 <220> FEATURE:
37 <221> NAME/KEY: MOD_RES
38 <222> LOCATION: (1)..(48)
39 <223> OTHER INFORMATION: Variable amino acid; this Xaa range may encompass
40        3-48 amino acids
42 <220> FEATURE:
43 <221> NAME/KEY: MOD_RES
44 <222> LOCATION: (50)..(62)
45 <223> OTHER INFORMATION: Variable amino acid; this Xaa range may encompass
46        9-13 amino acids
48 <220> FEATURE:
49 <221> NAME/KEY: MOD_RES
50 <222> LOCATION: (64)
51 <223> OTHER INFORMATION: Gln, Glu, Arg or Lys
53 <220> FEATURE:
54 <221> NAME/KEY: MOD_RES
55 <222> LOCATION: (65)
56 <223> OTHER INFORMATION: Variable amino acid
59 <220> FEATURE:
60 <221> NAME/KEY: MOD_RES
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 62 <223> OTHER INFORMATION: Hydrophobic amino acid
 64 <220> FEATURE:
 65 <221> NAME/KEY: MOD_RES
 66 <222> LOCATION: (67)
 67 <223> OTHER INFORMATION: Leu, Ile, Val or Met
 69 <220> FEATURE:
 70 <221> NAME/KEY: MOD_RES
 71 <222> LOCATION: (68)..(106)
 72 <223> OTHER INFORMATION: Variable amino acid; this Xaa range may encompass
 73         15-39 amino acids
 75 <220> FEATURE:
 76 <221> NAME/KEY: MOD_RES
 77 <222> LOCATION: (109)
 78 <223> OTHER INFORMATION: Hydrophilic amino acid
 80 <220> FEATURE:
 81 <221> NAME/KEY: MOD_RES
 82 <222> LOCATION: (110)
 83 <223> OTHER INFORMATION: Gln, Glu or His
 85 <220> FEATURE:
 86 <221> NAME/KEY: MOD_RES
 87 <222> LOCATION: (111)
 88 <223> OTHER INFORMATION: Leu or Val
 90 <220> FEATURE:
 91 <221> NAME/KEY: MOD_RES
 92 <222> LOCATION: (112)..(117)
 93 <223> OTHER INFORMATION: Variable amino acid
 95 <220> FEATURE:
 96 <221> NAME/KEY: MOD_RES
 97 <222> LOCATION: (119)
 98 <223> OTHER INFORMATION: Variable amino acid
100 <220> FEATURE:
101 <221> NAME/KEY: MOD_RES
102 <222> LOCATION: (121)..(122)
103 <223> OTHER INFORMATION: Variable amino acid
105 <220> FEATURE:
106 <221> NAME/KEY: MOD_RES
107 <222> LOCATION: (123)
108 <223> OTHER INFORMATION: Leu or Ile
110 <220> FEATURE:
111 <221> NAME/KEY: MOD_RES
112 <222> LOCATION: (124)..(179)
113 <223> OTHER INFORMATION: Variable amino acid; this Xaa range may encompass
114         13-56 amino acids
117 <220> FEATURE:
118 <221> NAME/KEY: MOD_RES
119 <222> LOCATION: (181)..(206)
120 <223> OTHER INFORMATION: Variable amino acid; this Xaa range may encompass
121         15-26 amino acids
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RAW SEQUENCE LISTING   DATE: 05/20/2003
PATENT APPLICATION: **US/09/913,351A**   TIME: 08:36:51

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Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\05192003\I913351A.raw

123 <220> FEATURE:
124 <221> NAME/KEY: MOD_RES
125 <222> LOCATION: (208)
126 <223> OTHER INFORMATION: Variable amino acid
128 <220> FEATURE:
129 <221> NAME/KEY: MOD_RES
130 <222> LOCATION: (209)
131 <223> OTHER INFORMATION: Val, Ile, Leu or Met
133 <220> FEATURE:
134 <221> NAME/KEY: MOD_RES
135 <222> LOCATION: (210)..(217)
136 <223> OTHER INFORMATION: Variable amino acid; this Xaa range may encompass
137       1-8 amino acids
139 <220> FEATURE:
140 <221> NAME/KEY: MOD_RES
141 <222> LOCATION: (218)..(230)
142 <223> OTHER INFORMATION: Variable amino acid; this Xaa range may encompass
143       1-12 amino acids
145 <400> SEQUENCE: 1
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W-->
```
146 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
147   1                   5                  10                  15
149 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
150                  20                  25                  30
152 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
153                  35                  40                  45
155 Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa
156       50                  55                  60
158 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
159  65                  70                  75                  80
161 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
162                  85                  90                  95
164 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Cys Xaa Xaa Xaa Xaa
165                 100                 105                 110
167 Xaa Xaa Xaa Xaa Xaa Cys Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
168             115                 120                 125
170 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
171      130                 135                 140
173 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
174 145                 150                 155                 160
176 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
177                 165                 170                 175
179 Xaa Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
180             180                 185                 190
182 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa
183             195                 200                 205
185 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa
186      210                 215                 220
188 Xaa Xaa Xaa Xaa Xaa Xaa
189 225                 230
```

RAW SEQUENCE LISTING
PATENT APPLICATION: **US/09/913,351A**

DATE: 05/20/2003
TIME: 08:36:51

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\05192003\I913351A.raw**

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192 <210> SEQ ID NO: 2
193 <211> LENGTH: 37
194 <212> TYPE: PRT
195 <213> ORGANISM: Ricinus communis
197 <400> SEQUENCE: 2
198 Glu Ser Lys Gly Glu Arg Glu Gly Ser Ser Ser Gln Gln Cys Arg Gln
199  1               5                  10                  15
201 Glu Val Gln Arg Lys Asp Leu Ser Ser Cys Glu Arg Tyr Leu Arg Gln
202             20                  25                  30
204 Ser Ser Ser Arg Arg
205         35
208 <210> SEQ ID NO: 3
209 <211> LENGTH: 68
210 <212> TYPE: PRT
211 <213> ORGANISM: Ricinus communis
213 <400> SEQUENCE: 3
214 Gln Gln Gln Glu Ser Gln Gln Leu Gln Gln Cys Cys Asn Gln Val Lys
215  1               5                  10                  15
217 Gln Val Arg Asp Glu Cys Gln Cys Glu Ala Ile Lys Tyr Ile Ala Glu
218             20                  25                  30
220 Asp Gln Ile Gln Gln Gly Gln Leu His Gly Glu Glu Ser Glu Arg Val
221         35                  40                  45
223 Ala Gln Arg Ala Gly Glu Ile Val Ser Ser Cys Gly Val Arg Cys Met
224     50                  55                  60
226 Arg Gln Thr Arg
227 65
230 <210> SEQ ID NO: 4
231 <211> LENGTH: 34
232 <212> TYPE: PRT
233 <213> ORGANISM: Ricinus communis
235 <400> SEQUENCE: 4
236 Pro Ser Gln Gln Gly Cys Arg Gly Gln Ile Gln Glu Gln Gln Asn Leu
237  1               5                  10                  15
239 Arg Gln Cys Gln Glu Tyr Ile Lys Gln Gln Val Ser Gly Gln Gly Pro
240             20                  25                  30
242 Arg Arg
246 <210> SEQ ID NO: 5
247 <211> LENGTH: 65
248 <212> TYPE: PRT
249 <213> ORGANISM: Ricinus communis
251 <400> SEQUENCE: 5
252 Gln Glu Arg Ser Leu Arg Gly Cys Cys Asp His Leu Lys Gln Met Gln
253  1               5                  10                  15
255 Ser Gln Cys Arg Cys Glu Gly Leu Arg Gln Ala Ile Glu Gln Gln Gln
256             20                  25                  30
258 Ser Gln Gly Gln Leu Gln Gly Gln Asp Val Phe Glu Ala Phe Arg Thr
259         35                  40                  45
261 Ala Ala Asn Leu Pro Ser Met Cys Gly Val Ser Pro Thr Glu Cys Arg
262     50                  55                  60
```

RAW SEQUENCE LISTING
PATENT APPLICATION: **US/09/913,351A**

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\05192003\I913351A.raw**

264 Phe
265   65

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 05/20/2003
PATENT APPLICATION: **US/09/913,351A**   TIME: 08:36:52

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\05192003\I913351A.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22
Seq#:1; Xaa Pos. 23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41
Seq#:1; Xaa Pos. 42,43,44,45,46,47,48,50,51,52,53,54,55,56,57,58,59,60,61
Seq#:1; Xaa Pos. 62,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81
Seq#:1; Xaa Pos. 82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100
Seq#:1; Xaa Pos. 101,102,103,104,105,106,109,110,111,112,113,114,115,116
Seq#:1; Xaa Pos. 117,119,121,122,123,124,125,126,127,128,129,130,131,132
Seq#:1; Xaa Pos. 133,134,135,136,137,138,139,140,141,142,143,144,145,146
Seq#:1; Xaa Pos. 147,148,149,150,151,152,153,154,155,156,157,158,159,160
Seq#:1; Xaa Pos. 161,162,163,164,165,166,167,168,169,170,171,172,173,174
Seq#:1; Xaa Pos. 175,176,177,178,179,181,182,183,184,185,186,187,188,189
Seq#:1; Xaa Pos. 190,191,192,193,194,195,196,197,198,199,200,201,202,203
Seq#:1; Xaa Pos. 204,205,206,208,209,210,211,212,213,214,215,216,217,219
Seq#:1; Xaa Pos. 220,221,222,223,224,225,226,227,228,229,230